

REMARKS

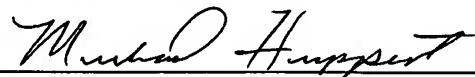
The present Preliminary Amendment is submitted to replace the title, cancel original claims 1-24 and add new claims 25-47. Note that the new claims are presented to delete the reference numerals in the original claims, and to remove the multiple dependencies in the original claims to thereby place such claims in condition for examination and reduce the required PTO filing fee.

Also, the abstract has been amended in order to remove the reference numerals therein. The changes to the abstract are submitted in the form of a substitute abstract. A copy of the abstract with changes marked therein is attached.

Finally, submitted herewith is corrected drawing of Fig. 32. As you will see, Fig. 32 has been amended to add the reference numeral "160" in order to incorporate the changes made in the International Application.

Respectfully submitted,

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ABSTRACT

An X-Y robot (~~120~~) having a structure that linearly deforms along an X-axis direction and a Y-axis direction, a camera reference mark (~~160~~), and a control unit (~~170~~) are provided. The X-Y robot causes no displacement of warp or the like and linearly deforms along only the X-axis direction and the Y-axis direction even if heat takes effect due to continuous operation. Therefore, if the amount of expansion and contraction of the X-Y robot due to heat is obtained by picking-up an image of the camera reference mark by a board recognition camera (~~140~~) and the component placing position is corrected on the basis of the amount of expansion and contraction, then the electronic component can be mounted in the prescribed position or almost in the prescribed position.

Version with Markings to
Show Changes Made